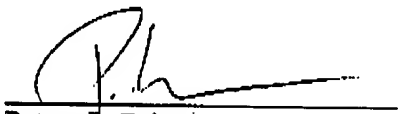
U.S.S.N. 09/506,988
Filed: February 18, 2000
AMENDMENT

In a phone conversation with the Examiner on November 27, 2001, the Applicants agreed to amend claims 5 and 11 to include the structure of UIC-98-056. However, it should be noted that UIC-98-056 is not a trademark. The Examiner stated that this amendment will be considered as a supplement to the Appeal Brief mailed on September 26, 2001.

Allowance of claims 1, 2, 4-8, and 10-12 is respectfully solicited.

Respectfully submitted,



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Date: November 28, 2001

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U.S.S.N. 09/506,988
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MARKED UP VERSION OF AMENDMENTS PURSUANT TO 37 C.F.R. § 1.121

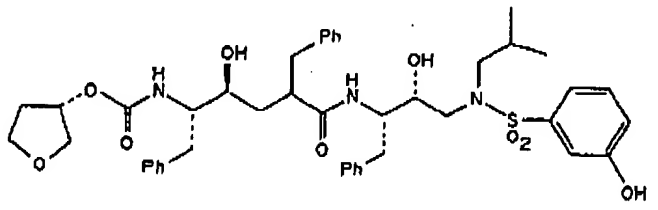
Marked Up Version of Amended Claims
Pursuant to 37 C.F.R. § 1.121(c)(1)(ii)

1. (Amended) An aspartic acid protease inhibitor comprising two or more transition-state isosteres.

2. The inhibitor of claim 1 wherein the transition-state isostere is -CH(OH)-CH_2-.

4. (Amended) The composition of claim 1 wherein the aspartic acid protease inhibitor is an HIV protease inhibitor.

5. The inhibitor of claim 1 which is UIC-98-056 having the following structure:



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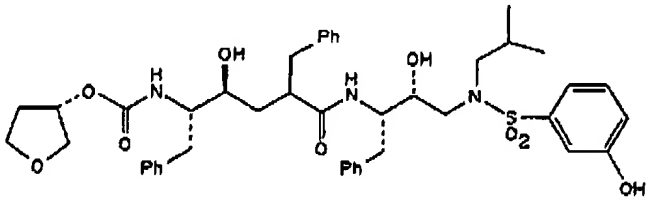
6. The inhibitor of claim 2 wherein the CH(OH)-CH_2 is substituted with two other kinds of isosteres.

7. (Amended) A method for treating a patient infected with a pathogen expressing an aspartic acid protease comprising the oral administration of an aspartic acid protease inhibitor comprising two or more transition-state isosteres.

8. The method of claim 7 wherein the transition-state isostere is CH(OH)-CH_2-.

10. (Amended) The method of claim 7 wherein the protease inhibitor inhibits HIV protease.

11. The method of claim 10 wherein the inhibitor is UIC-98-056 having the following structure:



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12. The method of claim 8 wherein the $CH(OH)-CH_2$ is substituted with two other kinds of isosteres.

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CLEAN VERSION OF AMENDMENTS PURSUANT TO 37 C.F.R. § 1.121

Clean Version of Amended Claims

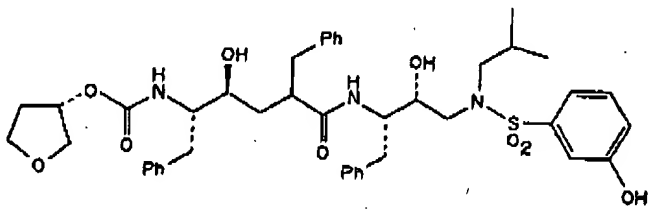
Pursuant to 37 C.F.R. § 1.121(c)(1)(ii)

1. (Amended) An aspartic acid protease inhibitor comprising two or more transition-state isosteres.

2. The inhibitor of claim 1 wherein the transition-state isostere is -CH(OH)-CH_2-.

4. (Amended) The composition of claim 1 wherein the aspartic acid protease inhibitor is an HIV protease inhibitor.

5. The inhibitor of claim 1 which is UIC-98-056 having the following structure:



6. The inhibitor of claim 2 wherein the CH(OH)-CH_2 is substituted with two other kinds of isosteres.

7. (Amended) A method for treating a patient infected with a pathogen expressing an aspartic acid protease comprising the oral administration of an aspartic acid protease inhibitor comprising two or more transition-state isosteres.

8. The method of claim 7 wherein the transition-state isostere is CH(OH)-CH_2-.

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10. (Amended) The method of claim 7 wherein the protease inhibitor inhibits HIV protease.

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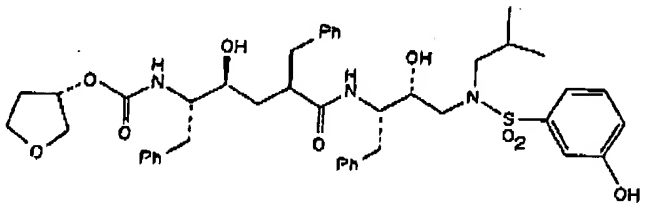
11. The method of claim 10 wherein the inhibitor is UIC-98-056 having the following structure:



12. The method of claim 8 wherein the $CH(OH)-CH_2$ is substituted with two other kinds of isosteres.